Desk
- Int deskWidth
o (24 <= x <= 96)
- Int deskDepth
o (12 <= x <= 48)
- Int numDrawers
o (0 <= x <= 7)
- Enum Wood
- Wood deskSurface
- Int rushDays
o {0,3,5,7}

DeskQuote
- Int orderNum
- String custFirstName
- String custL_Name
- Desk CustDesk
- Double QuotePrice
- Static Private surfacePrice
o {200, 100, 50, 300, 125}
- DeskQuote (String fName, String lName, int width, int depth, int drawers, deskSurface, int rushDays)
- Void ShowQuotes (Wood desktop)
- Void ShowQuotes()

```
Public Double DeskQuote (
String fName,
String lName,
int width,
int depth,
int drawers,
deskSurface,
int rushDays)
 {
       area = ( width * depth );
       areaPrice = area – 1000 ;
       int rushPrice
       Switch(rushDays):
              Case(3){
                     If(area < 1000)rushPrice = 60;
                     Else If(area > 2000) rushPrice = 80;
                     Else rushPrice = 70;
              }
              Case(5){
                     If(area < 1000)rushPrice = 40;
                     Else If(area > 2000) rushPrice = 60;
                     Else rushPrice = 50;
              }
              Case(7){
                     If(area < 1000)rushPrice = 30;
                     Else If(area > 2000) rushPrice = 40;
                     Else rushPrice = 35;
              }


       drawerTotal = drawers * 50;
       This.QuotePrice = 200 + areaPrice + drawerTotal +
surfacePrice[(int)deskSurface]+ rushPrice ;
}
```